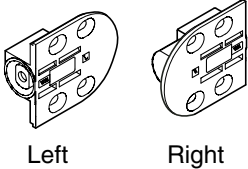
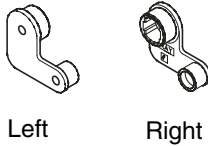
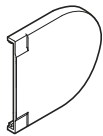


LAMP® HG-JHM16 DAMPER HINGE INSTALLATON INSTRUCTIONS (For wood use.) PAT

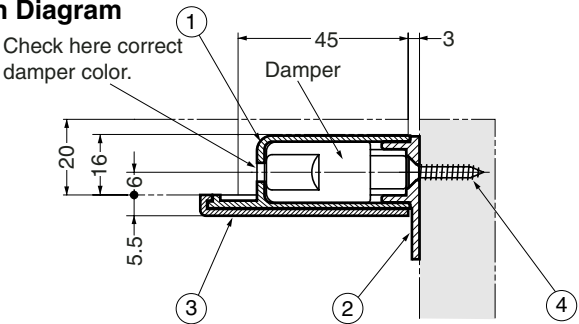
Read instructions thoroughly before installation.

Caution : ● For indoor use only.
● Not water resistant.
● Do not use in high temperature environment.

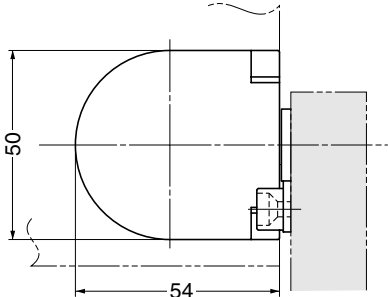
PARTS :

No.	Part Name	Qty.	
①	Damper Bracket (Left, Right)	L/R 1 each	 Left Right
②	Mounting Plate (Left, Right)	L/R 1 each	 Left Right
③	Cover	2	
④	Screw (4x20)	12	

Installation Diagram



Installation Diagram
(90°open position)



Item	Cover color	Damper Torque N·cm (kgf·cm)	Damper color (bottom)
HG-JHM16-34BL	black	200 ~ 340 (20.4 ~ 34.7)	green
HG-JHM16-34WT	white		
HG-JHM16-50BL	black	340 ~ 500 (34.7 ~ 51.0)	black
HG-JHM16-50WT	white		

Maximum Torque Moment Calculations

$M=W \times (D-2 \times A) \times t \times \rho \times D/2$

M : Max. Torque Moment

t : Lid Thickness

W : Lid Width

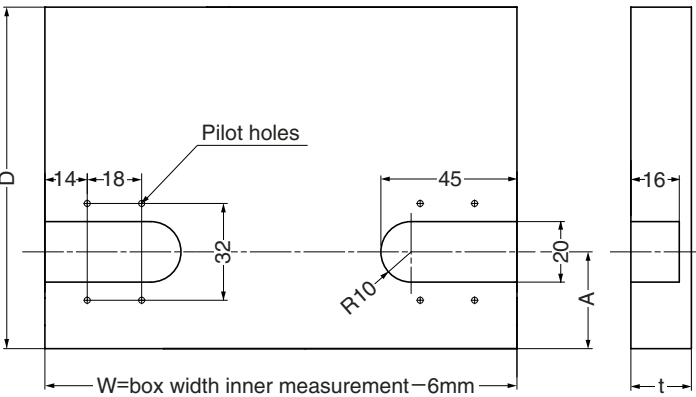
ρ : Lid Density

D : Lid Length

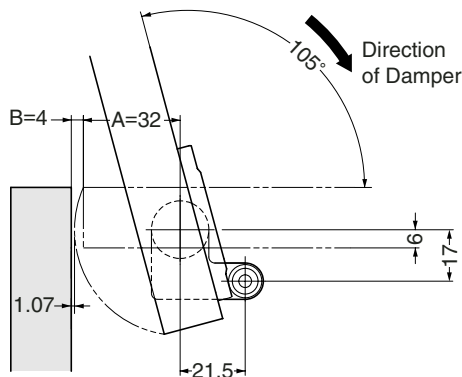
(Example) W=400mm, D=430mm, t=20mm, A=32mm,
 $\rho=0.8\text{g/cm}^3$

$M=400 \times (430-2 \times 32) \times 20/1000 \times 0.8 \times 430/2/10$
 $=50.4\text{kgf} \cdot \text{cm}$

Lid Preparation

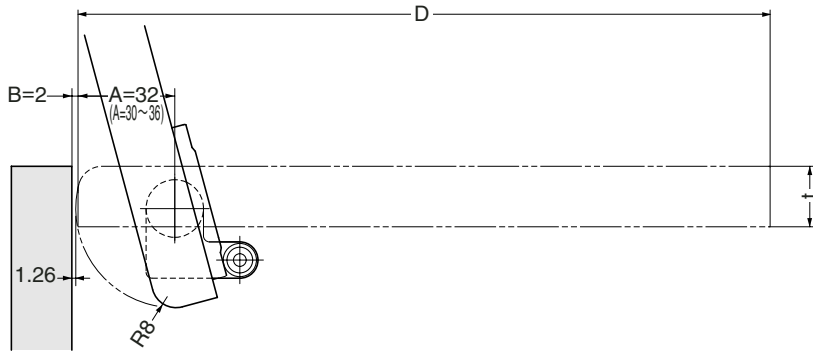


Standard Installation Specifications



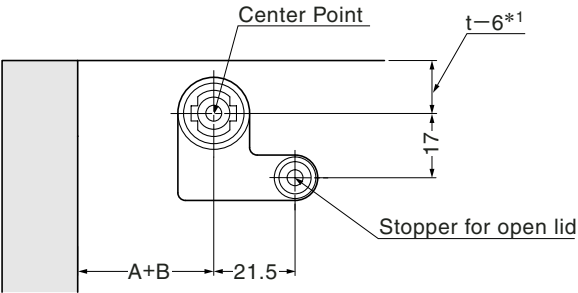
Installation Specifications for Rounded Lid Edge

Round the back edge of the lid to reduce the gap (B).



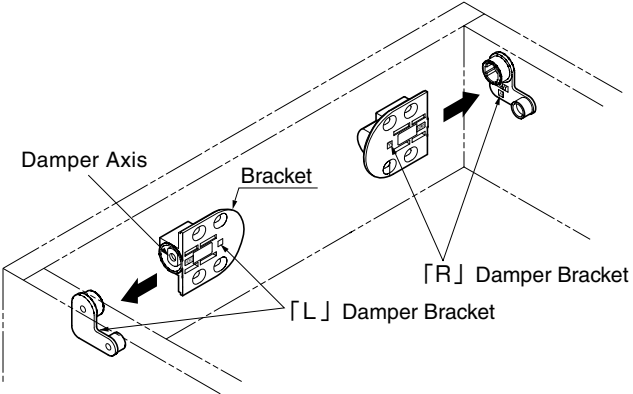
Installation

1. Mounting Plate Installation



*1 : Calculate t-6 (Lid thickness-6mm) to locate appropriate depth of Center Point.
Fix location of mounting plate with provided screws.

2. Bracket Assembly



Match and fit Damper Brackets and Mounting Plates Left to Left and Right to Right.

(Refer to diagram above for bracket positions.)

「L」 : Damper Axis Color – White

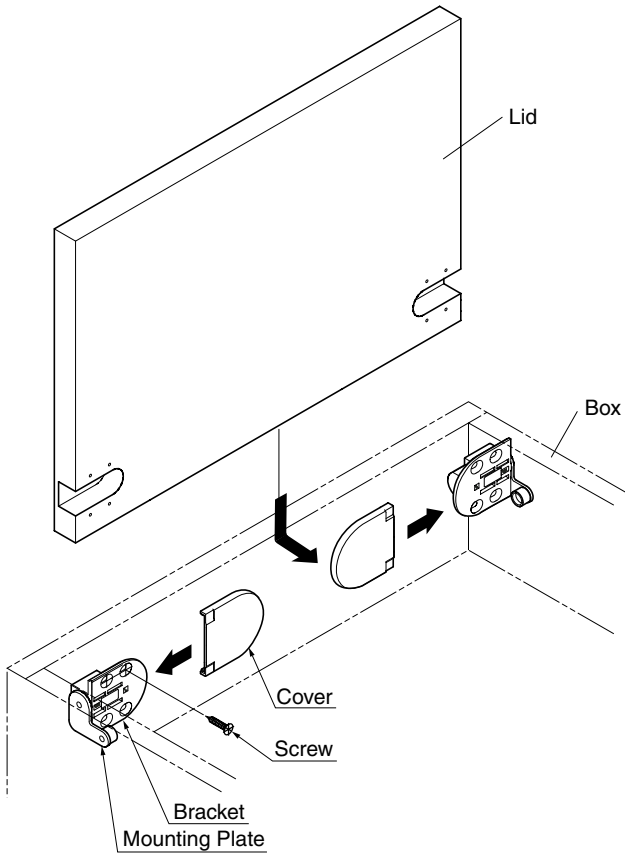
「R」 : Damper Axis Color – Grey

3. Lid and Bracket Cover Installation

(Refer to diagram below.)

Insert the lid vertically and mount onto brackets.
Stabilize with screws.

Close and open lid to check working damper.
Finally, slide covers onto brackets.



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